Fig. 1

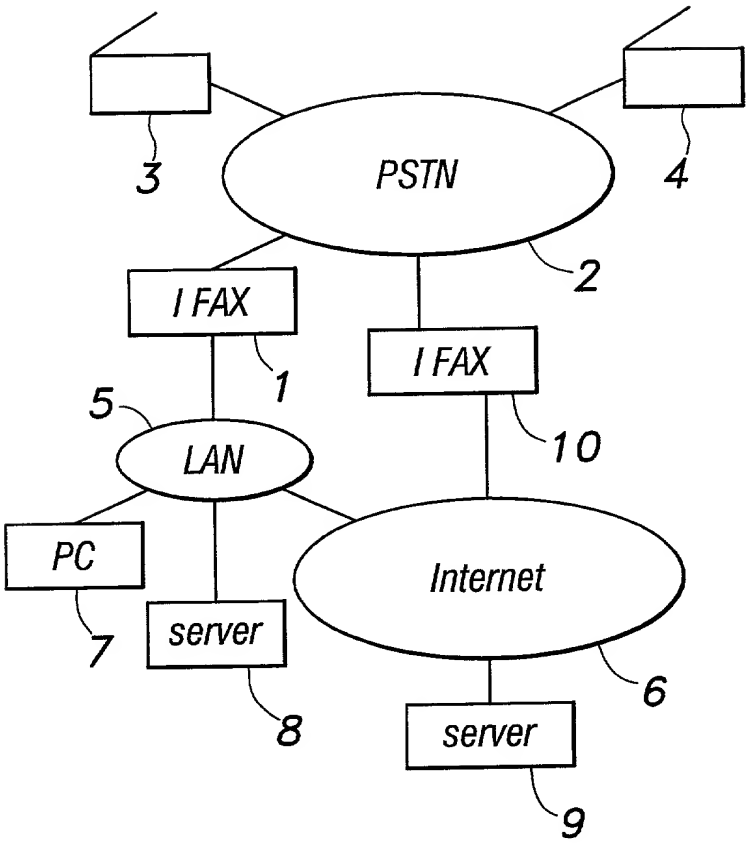

3
PSTN
4
2
I FAX
I FAX
1
5
10
LAN
PC
Internet
7
server
6
8
server
9

Fig. 4

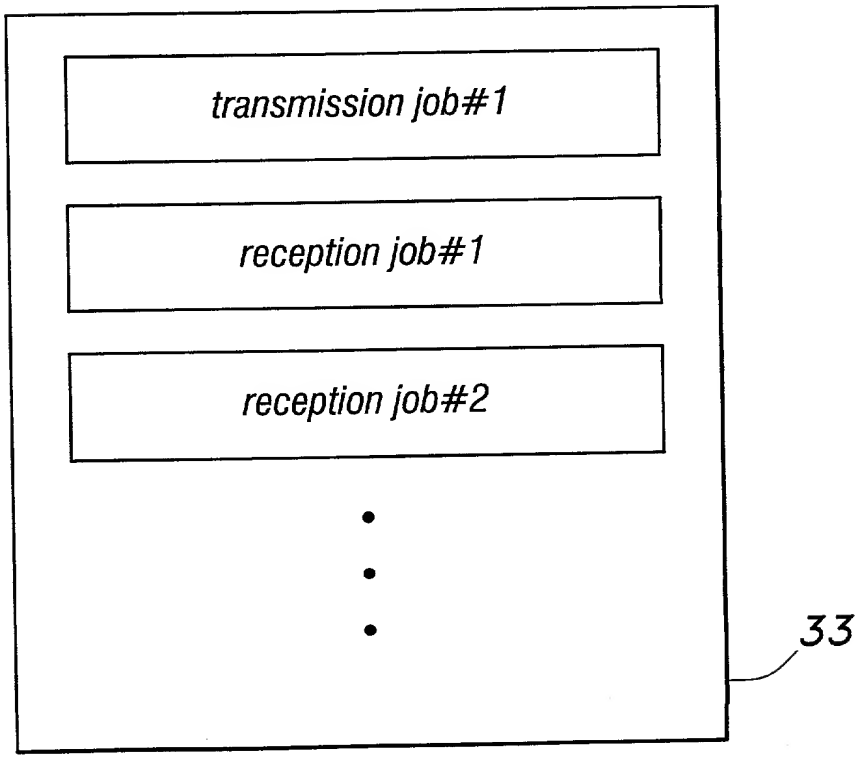

transmission job#1
reception job#1
reception job#2
33

Fig. 2

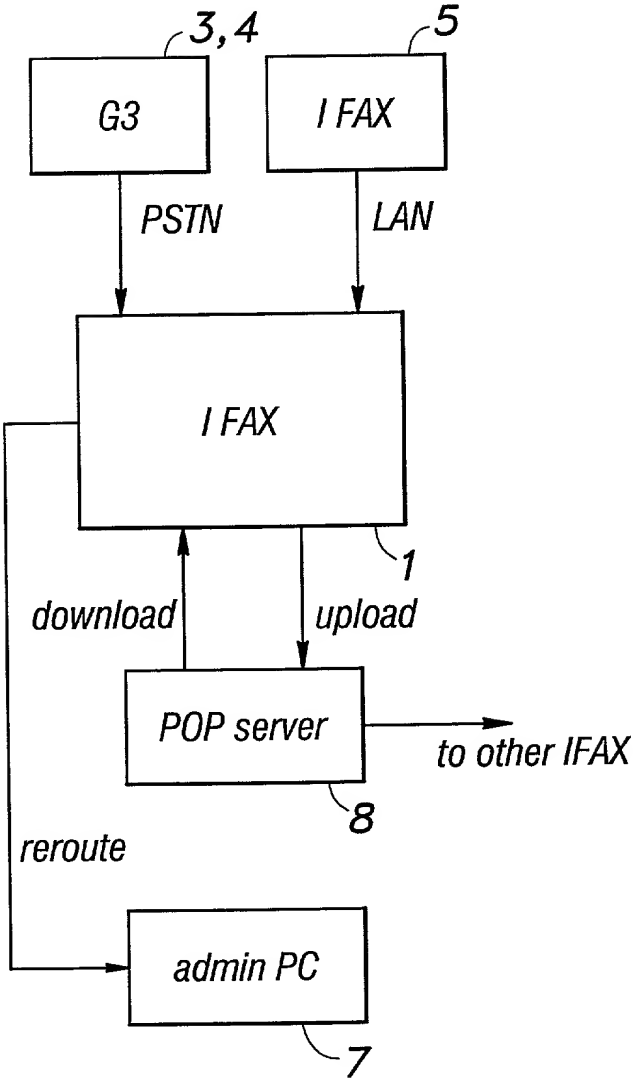

3,4
5
G3
I FAX
PSTN
LAN
I FAX
1
download
upload
POP server
to other IFAX
8
reroute
admin PC
7

Fig. 3

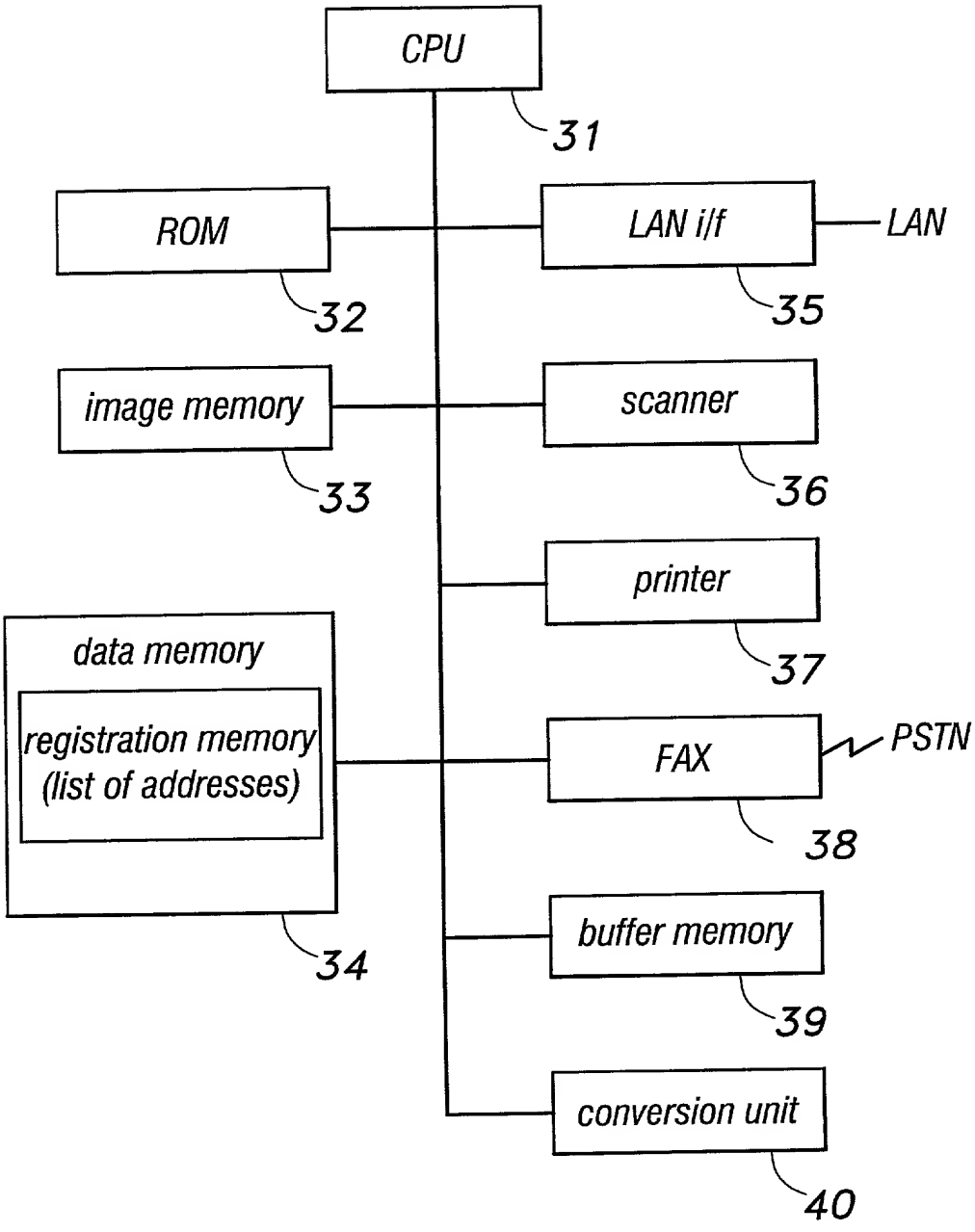

CPU
31
ROM
32
LAN i/f
LAN
35
image memory
33
scanner
36
printer
37
data memory
registration memory
(list of addresses)
34
FAX
PSTN
38
buffer memory
39
conversion unit
40

Fig. 5

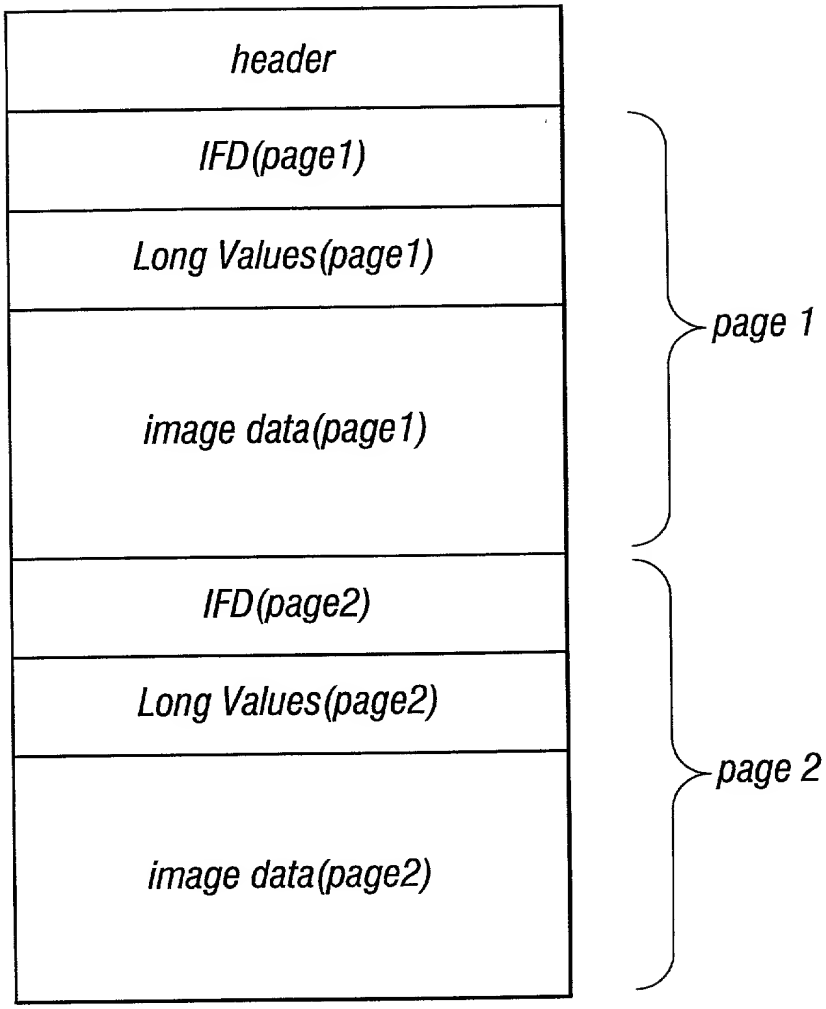

header
IFD(page1)
Long Values(page1)
image data(page1)
IFD(page2)
Long Values(page2)
image data(page2)
page 1
page 2

Fig. 6

processing modes	1: do nothing 2: transfer to other IFAX 3: transfer to admin PC 4: transfer to POP server
IFAX mail address	ifax11@aaa.bbb.co.jp
admin PC mail address	kanri@aaa.bbb.co.jp
own mail address	myifax@aaa.bbb.co.jp

Fig. 7

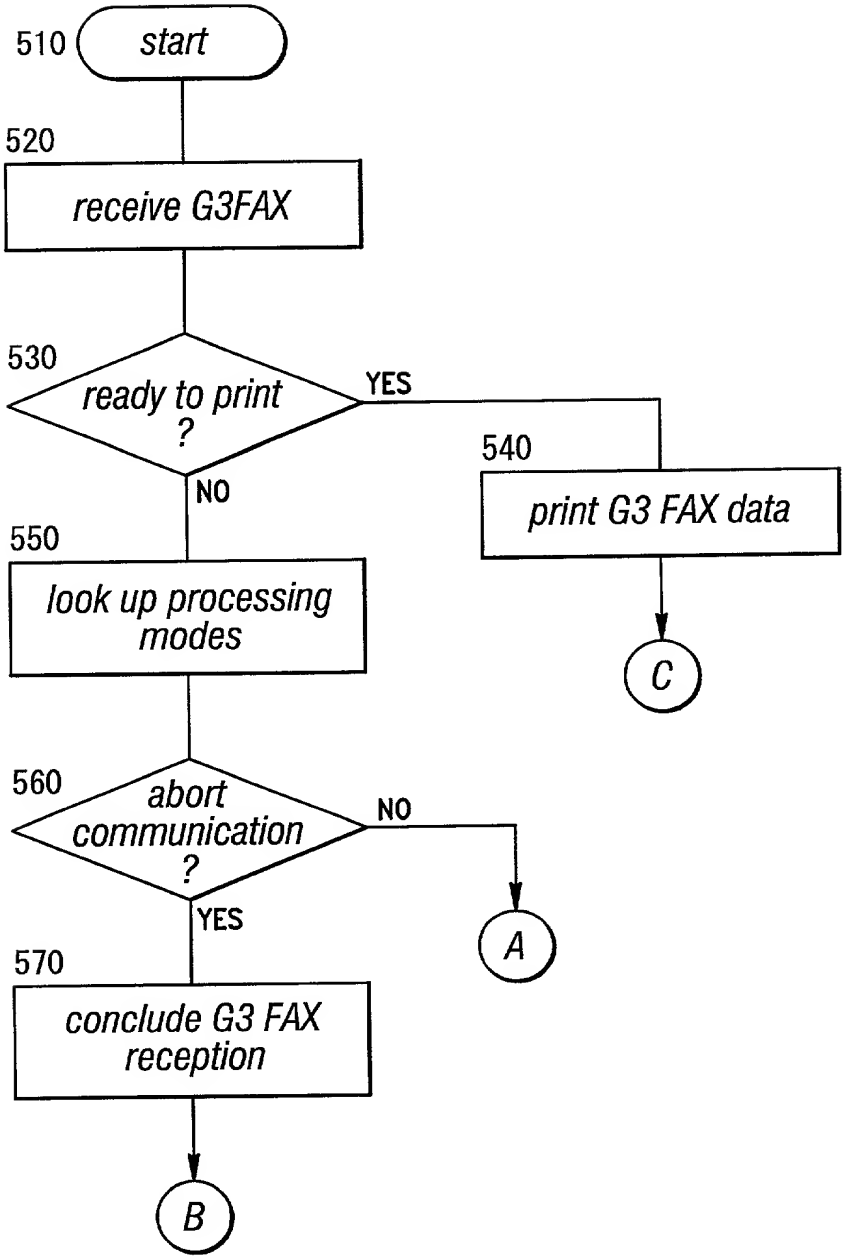

510
start
520
receive G3FAX
530
ready to print ?
YES
NO
540
print G3 FAX data
C
550
look up processing modes
560
abort communication ?
NO
YES
A
570
conclude G3 FAX reception
B

Fig. 8

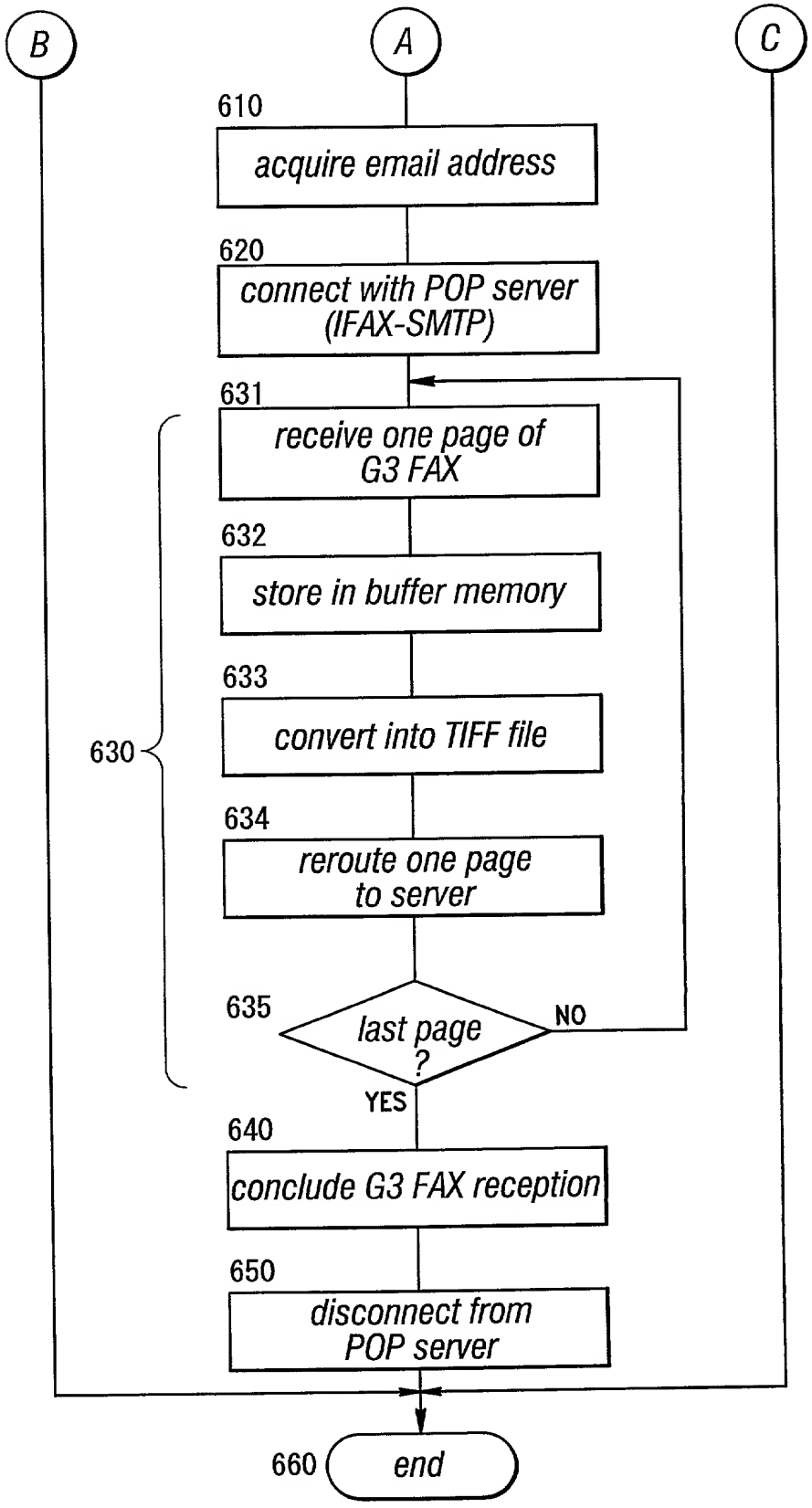

B
A
C
610
acquire email address
620
connect with POP server (IFAX-SMTP)
631
receive one page of G3 FAX
632
store in buffer memory
633
convert into TIFF file
630
634
reroute one page to server
635
last page ?
NO
YES
640
conclude G3 FAX reception
650
disconnect from POP server
660
end

Fig. 9

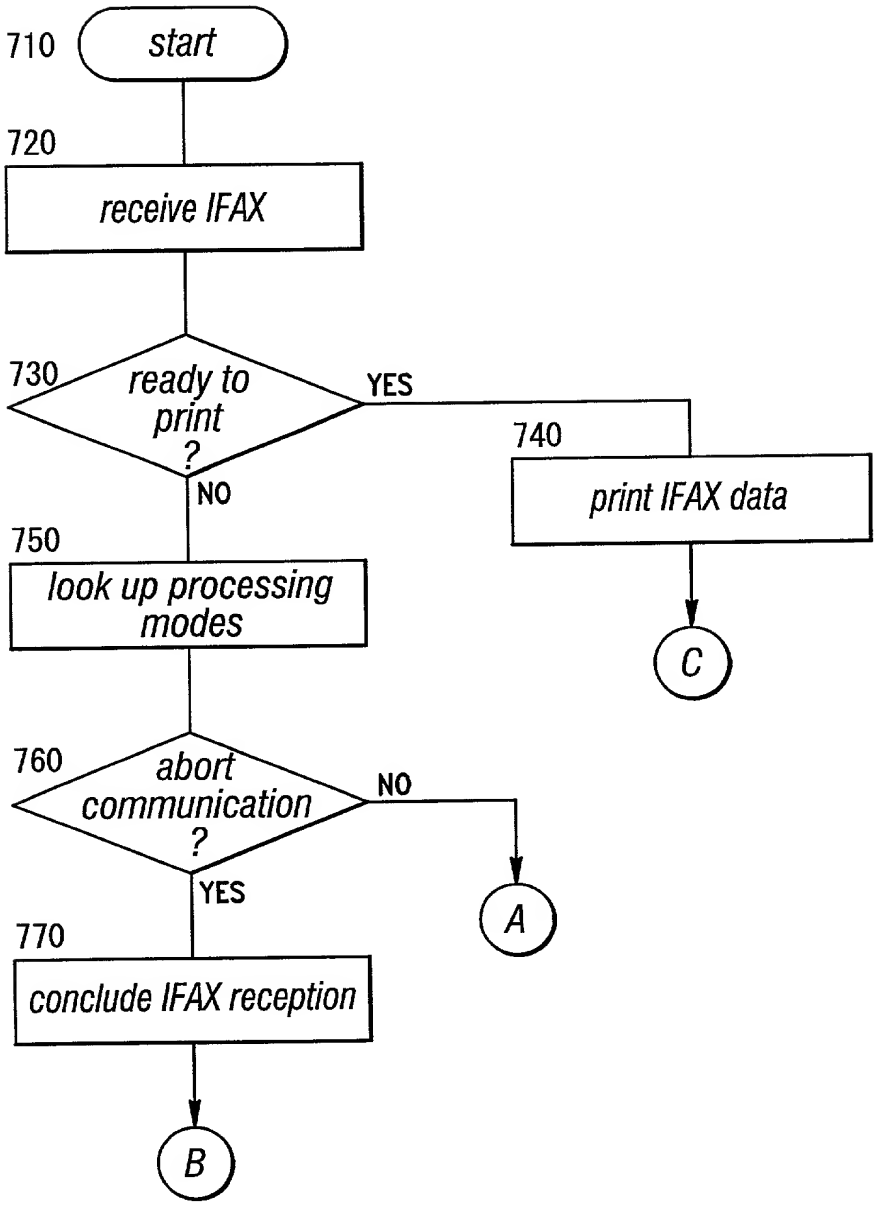

710
start
720
receive IFAX
730
ready to print ?
YES
NO
740
print IFAX data
C
750
look up processing modes
760
abort communication ?
NO
YES
A
770
conclude IFAX reception
B

Fig. 10

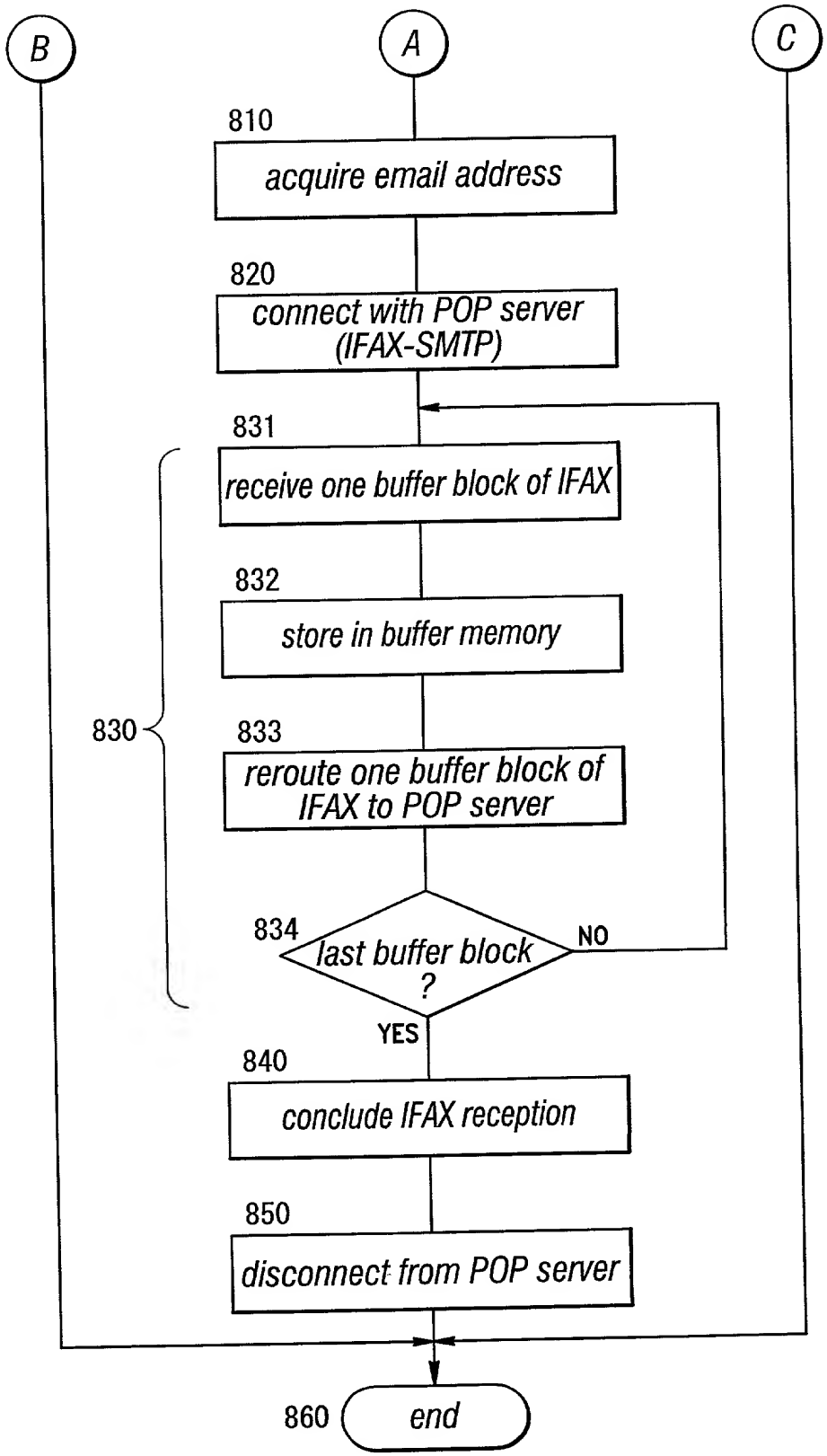

B
A
C
810
acquire email address
820
connect with POP server (IFAX-SMTP)
831
receive one buffer block of IFAX
832
store in buffer memory
830
833
reroute one buffer block of IFAX to POP server
834
last buffer block ?
NO
YES
840
conclude IFAX reception
850
disconnect from POP server
860
end

Fig. 11

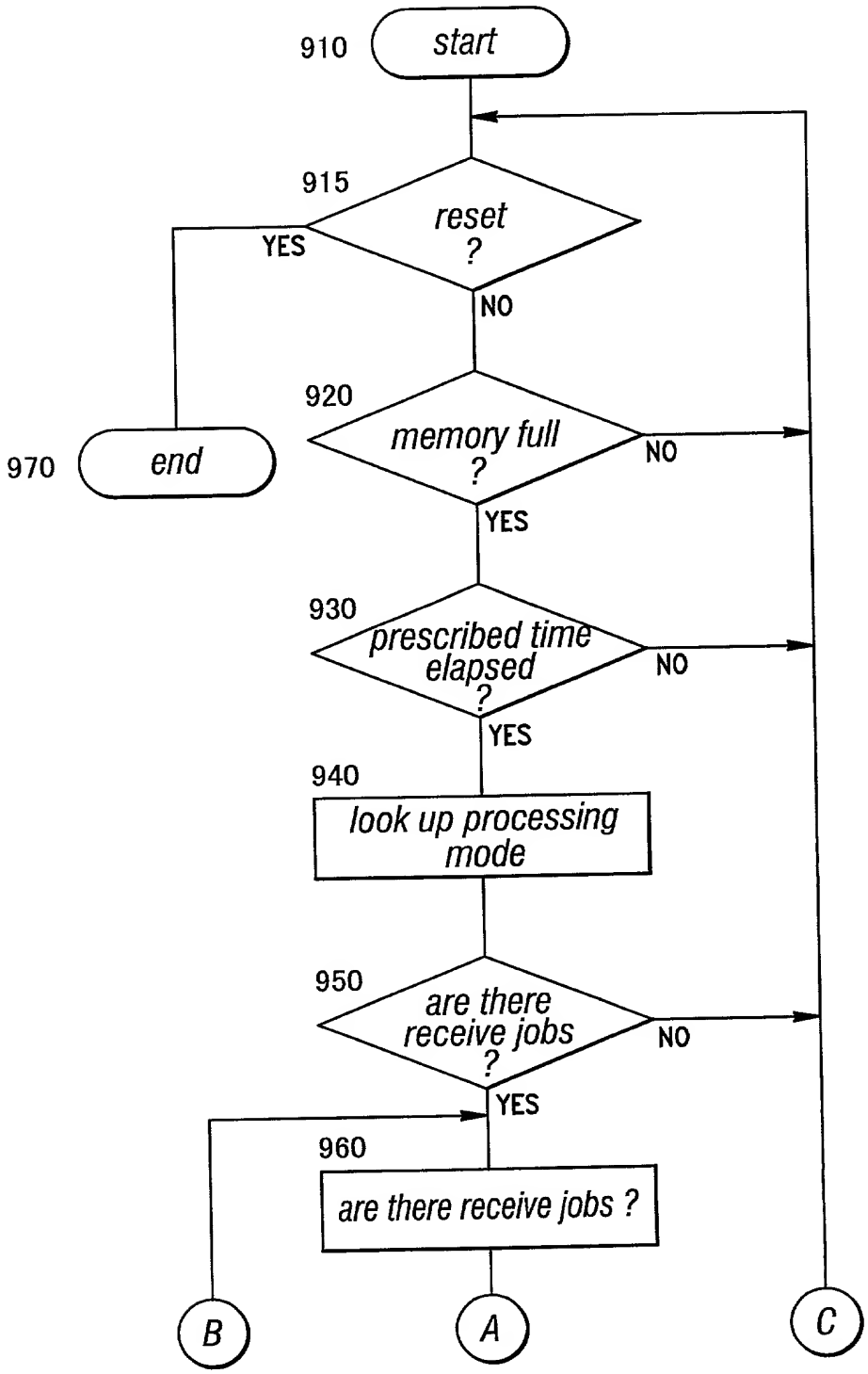
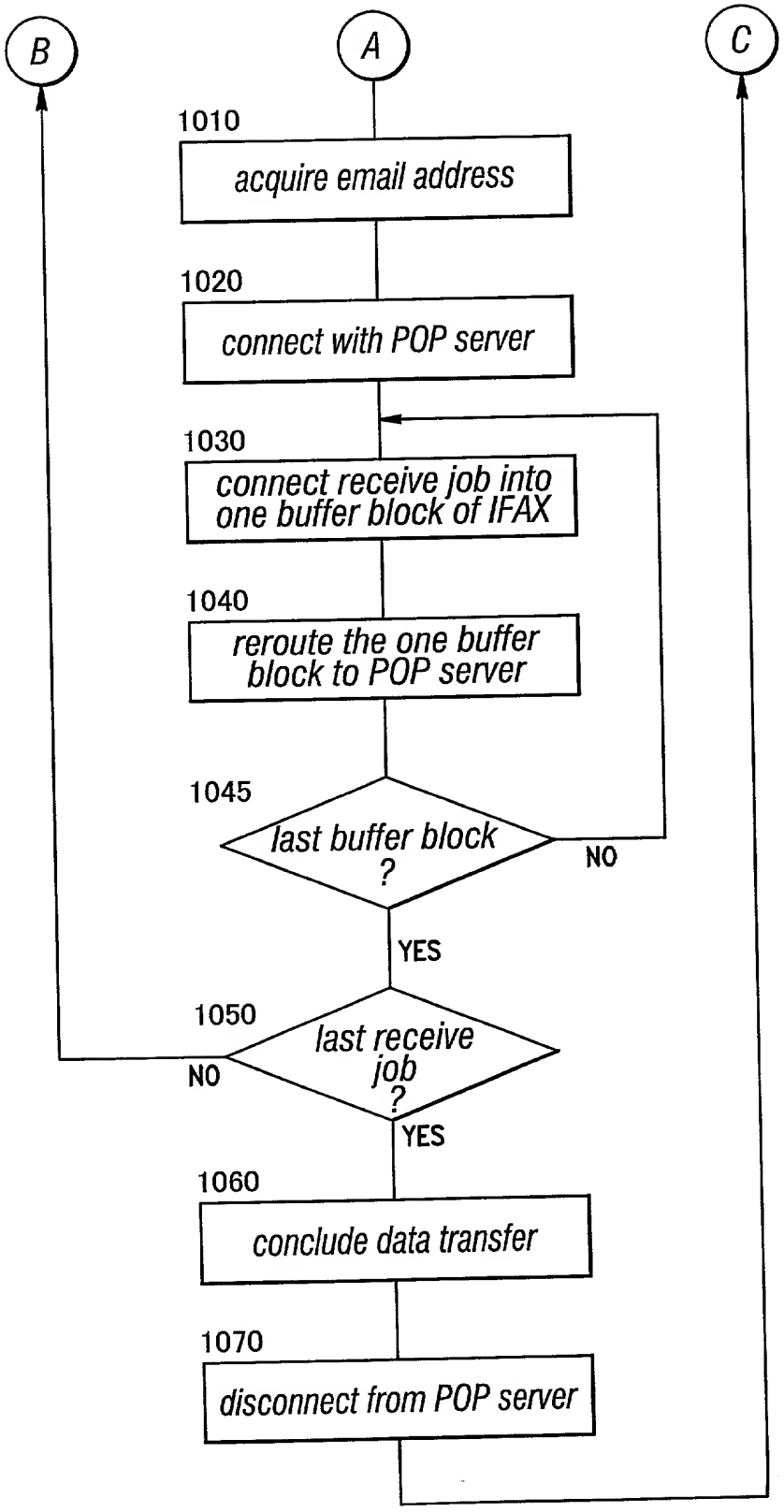

910
start
915
reset ?
YES
NO
920
memory full ?
NO
YES
970
end
930
prescribed time elapsed ?
NO
YES
940
look up processing mode
950
are there receive jobs ?
NO
YES
960
are there receive jobs ?
B
A
C

Fig. 12


B
A
C
1010
acquire email address
1020
connect with POP server
1030
connect receive job into one buffer block of IFAX
1040
reroute the one buffer block to POP server
1045
last buffer block ?
NO
YES
1050
last receive job ?
NO
YES
1060
conclude data transfer
1070
disconnect from POP server